

# Work Order ID 51450

August 24, 2009 2:58:47 PM

SHP ASAP



Page 1

Item ID: D350-636-105A

Accept



Setup Start



Revision ID: A

Stop



Item Name: Wedge Installation

Start Date: 8/24/09 Start Qty: 12.00



Cust Item ID:

Required Date: 8/26/09 Req'd Qty: 12.00



Customer:

Reference:

Approvals: Process Plan: W Date: Tooling: Date:

Run Start



QC: Date: SPC (Y/N): Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
----------	--------------

DSI 9456	A
----------	---

100

0.00



DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP D350-636-105A/ DSI9456  
CHG001

S 08/25/25

110

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

P 09/01/25 (12)

120

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

=> S 08/25/25

(42) /

# Work Order ID 51450

August 24, 2009 2:58:47 PM

Page 2

Item ID: D350-636-105A

Accept

Setup Start

Revision ID: A

Stop

Item Name: Wedge Installation

Start Date: 8/24/09 Start Qty: 12.00

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Reference:

Approvals: Process Plan: Date: Tooling: Date:

Run Start

QC: Date: SPC (Y/N): Date:

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
									
Packaging		0.00							
Packaging	<b>Memo</b> Identify and pack for shipping as per PPP D3550-636-105A/ DSI9456 Location: _____ PPP rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
									
QC		0.00							
Quality Control	<b>Memo</b>								

8/24/09 (12)

09/08/25

W 9-08-25

# Picklist Print

August 24, 2009 2:58:46 PM

Page 1

Work Order ID: 51450

Parent Item: D350-636-105ARevA

Parent Item Name: Wedge Installation

Comments:

Start Date: 8/24/09

Required Date: 8/26/09

Start Qty: 11.00

Required Qty: 11.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D3926-1RevA *+2* *x2* Manufactured No



Wedge

MS21042L3 *x4*



Nut

Purchased No

110 Each 0.0000 22.0000 *24* ✓

110 Each 3,963.000 44.0000 *48* ✓

*B 51411 8/25/09 (12)*

*10/18/09 (12)*

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST

3963

110844

32

111274

439

111668

992

112314

2000

112385

500

*M111274*

*M1112*

MS24693-S276 *x4*

Purchased

No



SCREW

110 Each 194.0000 44.0000 *48* ✓

*8/25/09 (12)*

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST

194

104374

194

*M104374*

# Picklist Print

August 24, 2009 2:58:46 PM

Page 2

Work Order ID: 51450

Parent Item: D350-636-105ARevA

Parent Item Name: Wedge Installation

Comments:

Start Date: 8/24/09

Required Date: 8/26/09

Start Qty: 11.00

Required Qty: 11.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
NAS1149D0363J	x4	Purchased	No			110	Each	22.0000	44.0000			



Washer

Q.S.1. 017

4-2-11

09/18/25

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

112314

22

22

1111668

09/18/25 (12)

August 24, 2009 2:58:46 PM

Shop Packet Print

Page 2

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-636 REV. F OR EARLIER

REF. FAA STC: SR00646SE

REF. TCCA STC: SH99-7

REF. CAA AIRWORTHINESS APPROVAL NOTE: 28081, 28082

The D350-636-105A/B Wedge Kits can be installed on D350-636-011/-012/-013/-014 Skidtube installations to help prevent the D2741 blade from getting snagged on objects on the ground during take-off. The D350-636-105A Wedge Kit is compatible with Apical Float Systems per STC SR00470LA, SR00645LA and SR00831LA with the low angle float extensions but is not compatible with OEM skidtubes. The D350-636-105B Wedge Kit is compatible with non-float tube equipped skidtubes but is not compatible with OEM skidtubes.

The D350-636-105A/B Wedge kits are installed as follows:

- 1) Remove the D2741 blades from the D350-636 skidtube assemblies
- 2) Drill 2x  $\varnothing 0.201$  (#7 drill) per D2741 blade as shown in Figure 1 Sheet 2 and deburr
- 3) Countersink the 2 holes  $\varnothing 0.385 \times 100^\circ$  from the bottom of each D2741 blade
- 4) Position the D3926-1/-3 wedge on the top side of each D2741 blade centered between the left and right sides
- 5) Transfer drill 2x  $\varnothing 0.201$  (#7 drill) from each D2741 blade to the D3926-1/-3 wedge and deburr
- 6) Touch up holes in D2741 blade with primer per Aircraft Maintenance Manual
- 7) Install the D3926-1 wedge on each D2741 blade using the hardware shown in Figure 2 Sheet 2
- 8) Install the D3926-3 wedge on each D2741 blade using the hardware shown in Figure 3 Sheet 3
- 9) Re-install the D2741 blade onto the D350-636 skidtube assembly in accordance with IIN-D350-636.
- 10) It is acceptable to install blade tape (abrasion strip material) on the float tube extension to prevent wear between the D3926-1 wedge and the float tube extension.

## WEIGHT AND BALANCE

Installation	Weight	Lateral		Longitudinal	
		Arm	Moment	Arm	Moment
D350-636-105A Wedge Kit	0.50 lb 0.23 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	178.25 in 4.53 m	89.13 in-lb 1.04 m-kg
D350-636-105B Wedge Kit	0.50 lb 0.23 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	178.25 in 4.53 m	89.13 in-lb 1.04 m-kg

## PARTS LIST

QTY. -105A	QTY. -105B	PART NUMBER	DESCRIPTION
X		D350-636-105A	Wedge Kit
	X	D350-636-105B	Wedge Kit
2		D3926-1	WEDGE
	2	D3926-3	WEDGE
4	4	MS21042L3	NUT
4	4	MS24693S276	SCREW
4	4	NAS1149D0363J	WASHER

51450

AN9605D10

A	NEW ISSUE	09.07.23
REV.	DESCRIPTION	BY DATE
DESIGN		
DRAWN		
CHECKED	ASS	
MFG. APPR.	N/A	
APPROVED		
DE APPR.		
DATE	09.07.23	

**DART AEROSPACE USA, INC.**  
PORT HADLOCK, WA

DRAWING NO. DSI 9456  
REV. A  
SHEET 1 OF 3

TITLE WEDGE KIT  
SCALE NTS

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

**Part No:** \_\_\_\_\_ **PAR #:** \_\_\_\_\_ **Fault Category:** \_\_\_\_\_ **NCR: Yes No** **DQA:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Resolution:** \_\_\_\_\_ **Disposition:** \_\_\_\_\_ **QA: N/C Closed:** \_\_\_\_\_ **Date:** \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-636 REV. F OR EARLIER

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D350-636-105B Wedge Kit	0.50 lb 0.23 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	178.25 in 4.53 m	89.13 in-lb 1.04 m-kg

## PARTS LIST

QTY. -105A	QTY. -105B	PART NUMBER	DESCRIPTION
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	X	D350-636-105B	Wedge Kit
2		D3926-1	WEDGE
	2	D3926-3	WEDGE
4	4	MS21042L3	NUT
4	4	MS24693S276	SCREW
4	4	NAS1149D0363J	WASHER

A	NEW ISSUE	09.07.23
REV.	DESCRIPTION	BY DATE
DESIGN		DART AEROSPACE USA, INC. PORT HADLOCK, WA
DRAWN		
CHECKED	ASS	DRAWING NO. REV. A
MFG. APPR.	N/A	DSI 9456 SHEET 1 OF 3
APPROVED		TITLE SCALE
DE APPR.		WEDGE KIT NTS
DATE	09.07.23	COPYRIGHT © 2009 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

51450







Dart Helicopter Services LLC

# Purchase Order

PO Box 430  
Pinev Flats. TN 37686  
USA  
Phone: 613 632 3336  
Fax: 613 632 3947

Date Aug 21, 2009	Page 1
Purchase Order Number 8011628	

## Vendor Address:

Dart Aerospace Ltd  
1270 Aberdeen Street  
Hawkesburv. ON K6A 1K7  
Canada

## Drop Ship:

CERAH01 SHIP  
ERA Helicopters LLC  
600 Airport Service Road  
Lake Charles Regional Airport  
Lake Charles LA  
USA 70605  
Rachel Robbins 1 337 312 2256  
Tax ID # 20-2421616  
Cust PO # PO245-020350-2009

Salesperson	Vendor NO	PO Date	Terms	Ship Via	Requested Ship Date
HEATHER	VDART01	Aug 21, 2009	DNET30	UPS Next Day	Aug 28, 2009
Sales Order Number	Additional Comments		Customer Freight Acct		Availability
CRFQ18264	Good to Go NM 21Aug09		UPS #706787		28Aug09 or Sooner

Qty. Ordered	Item Number	Description	Drop- Ship	Unit Cost	Total Discount		Extended Cost
1	11 D350-636-105A	Wedge Kit	Yes	304.15	0.00	0%	3,345.65
2	1 DCOLLECT	Dart Freight	Yes	0.00	0.00	0%	0.00
LP3926-1 w/j.							
Comments: Please ship complete, Seacor Partner pricing			Tax Summary: NOTAX 0.00		Less: included tax		0.00
					Subtotal		3,345.65
					Total tax		0.00
					Total purchase order USD		3,345.65

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries